



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0861-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 3

**Complete if Known**

Application Number	09/889,321
Filing Date	July 13, 2001
First Named Inventor	Yousuke TAKAHAMA
Group Art Unit	1632
Examiner Name	A. Webbe
Attorney Docket Number	31671-173265

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AD	AD	YASUFUMI KANEDA et al., "Introduction and Expression of the Human Insulin Gene in Adult Rat Liver", <u>The Journal of Biological Chemistry</u> , July 25, 1989, pp. 12126-12129, Vol. 264, No. 21, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.	
	AE	KEIKO KATO et al., "Expression of Hepatitis B Virus Surface Antigen in Adult Rat Liver", <u>The Journal of Biological Chemistry</u> , July 25, 1991, pp. 3361-3364, Vol. 266, No. 6, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.	
	AF	NARUYA TOMITA et al., "Direct In Vivo Gene Introduction into Rat Kidney", <u>Biochemical and Biophysical Research Communications</u> , July 15, 1992, pp. 129-134, Vol. 186, No. 1, Academic Press, Inc.	
	AG	NARUYA TOMITA et al., "Hypertensive Rats Produced by In Vivo Introduction of the Human Renin Gene," Department of Geriatric Medicine, Osaka, Japan, <u>Circulation Research</u> , Vol. 73, No. 5, November 1993, pp. 898-905	
	AH	YASUFUMI KANEDA et al., "Increased Expression of DNA Cointroduced with Nuclear Protein in Adult Rat Liver," <u>Science</u> , Vol. 243, January 20, 1989, pp. 375-378	
	AI	Ryuichi Morishita et al., "Evidence for Direct Local Effect of Angiotensin in Vascular Hypertrophy," <u>J. Clin. Invest.</u> , Vol. 94, September 1994, pp. 978-984	
	AJ	Tessa Crompton et al., "The MAP Kinase Pathway Controls Differentiation from Double-Negative to Double-Positive Thymocyte", <u>Cell</u> , July 26, 1996, pp. 243-251, Vol. 86, Cell Press	
	AK	A.M.P. BEHARA et al., "Intrathymic Implants of Genetically Modified Fibroblasts," <u>The FASEB Journal</u> , Vol. 6, July 1992, pp. 2853-2858	
	AL	Ronald P. DEMATTEO et al., "Gene Transfer to the Thymus" <u>Annals of Surgery</u> , 1995, pp. 229-242, Vol. 222, No. 3, Lippincott-Raven Publishers	
	AM	Yaron Ilan et al., "Induction of Central Tolerance by Intrathymic Inoculation of Adenoviral Antigens into the Host Thymus Permits Long-Term Gene Therapy in Gunn Rats," <u>J. Clin. Invest.</u> , Vol. 98, No. 11, December 1996, pp. 2640-2647	
	AN	Takehiko Sugawara et al. "An Improved Retroviral Gene Transfer Technique Demonstrates Inhibition of CD4-CD8-thymocyte Development by Kinase-Inactive ZAP-70", <u>The Journal of Immunologists</u> , 1998, pp 2888-2894, Vol. 161, <u>The American Association of Immunologists</u>	

Examiner Signature

Date Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**VENABLE**  
ATTORNEYS AT LAW

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 3

**Complete if Known**

Application Number	09/889,321
Filing Date	July 13, 2004
First Named Inventor	Yousuke TAKAHAMA
Group Art Unit	1632
Examiner Name	A. Wehbe
Attorney Docket Number	31671-173265

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AO		TAKEHIKO SUGWARA et al., "Differential Roles of ERK and p38 MAP Kinase Pathways in Positive and Negative Selection of T Lymphocytes", <u>Immunity</u> , October 1998, pp. 565-574, Vol. 9, Cell Press	
AP		YUTAKA HANAZONO et al., "In Vivo Marking of Rhesus Monkey Lymphocytes by Adeno- Associated Viral Vectors: Direct Comparison With Retro Viral Vectors", <u>Blood</u> , October 1, 1999, pp. 2263-2270, Vol. 94 No 7	
AQ		JIE GU et al., "A Murine Model For Genetic Manipulation Of The T Cell Compartment", <u>Experimental Hematology</u> , 1996, pp. 1432-1440, Vol. 24	
AR		SANJAI SHARMA et al., "Efficient Infection Of A Human T-Cell Line And Of Human Primary Peripheral Blood Leukocytes With A Pseudotyped Retrovirus Vector", October 1996, pp. 11842-11847, Vol. 93, Proc. Natl. Acad. Sci. USA	
AS		GREGORY L. EVANS et al., "Genetic Induction Of Immune Tolerance To Human Clotting Factor VIII in a Mouse Model For Hemophilia A", May 1998, pp. 5734-5739, Vol. 95, Proc. Natl. Acad. Sci. USA	

Examiner Signature		Date Considered	10/28/04
-----------------------	---	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**VENABLE**  
ATTORNEYS AT LAW